

Amendment to the Title

In the Title:

Delete the present title and replace the Title to read:

--Human FGF-23 Polypeptide and Compositions thereof –

Amendment to the Specification

In the Specification:

Please delete the paragraphs beginning at page 4, lines 10-13, and replace it with the following rewritten paragraph:

Figure 2. (A) DNA sequence of mouse FGF-23 (SEQ ID NO:1). (B) Amino acid sequence of mouse FGF-23 (SEQ ID NO: 2).

B2
Figure 3. (A) DNA sequence of human FGF-23 (SEQ ID NO:3). (B) Amino acid sequence of human FGF-23 (SEQ ID NO:4).-

Please delete Table 1 beginning at page 40, following line 13 and insert the following Table 1 therefor:

| N-terminal Sequence | Mass by Mass Spec | Sequence Assignment | Cleavage Events |
|------------------------------|-------------------|-----------------------------|---|
| NASPLLGSS (SEQ ID NO:47) | 17414 | N27-T178 | <ul style="list-style-type: none">◦ Signal peptide removal (P26↓N27)◦ C-terminal cleavage (R179↓S180)◦ R179 removal by contaminating carboxypeptidase |
| XXWGGLIHLY (SEQ ID NO:48) | 16761 | S34-T178 | <ul style="list-style-type: none">◦ Alternate Signal Peptide (G33↓S34)◦ C-terminal cleavage (R179↓S180)◦ R179 removal by contaminating carboxypeptidase |
| SAEDDSERDP (SEQ ID NO:49) | 8204 | S180-H256 (with SS bond) | <ul style="list-style-type: none">◦ C-terminal cleavage (R179↓S180)◦ H257 removed by contaminating carboxypeptidase◦ Glycosylation present |